U.S. PATENT APPLICATION

OF

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FOR

METHOD FOR PLAYING MODIFIED BLACKJACK
WITH POKER OPTION

1 2 3 4 5	METHOD FOR PLAYING MODIFIED BLACKJACK WITH POKER OPTION		
	CROSS-REFERENCE TO RELATED APPLICATIONS		
6	This application is related to and claims the benefit of the .		
7	filing date of commonly owned and copending U.S. provisional		
8	patent application serial no. 60,428,813, filed November 25,		
9	2002. This application is also related to Disclosure Document		
10	0 No. 505872, filed February 25, 2002.		
11 12 13 14	BACKGROUND OF THE INVENTION		
15			
16	The present invention generally relates a method for playing		
17	a card game.		
18	2. Description of Related Art		
19	Currently, casinos use a variety of games for wagering.		
20	Many of these games are varieties of mechanical or electronic		
21	slot machines. Despite the popularity of slot machines, poker,		
22	blackjack, keno, baccarat, craps and other traditional games		
23	played at a table are the foundation of casino play. Players are		
24	known to enjoy the novelty of new table games because the old		
25	games have become too well known by the players or because the		
26	players perceive some of the traditional games as being overly		
27	complicated. Moreover, since table games usually have larger		

stakes than slot machines, casinos have an interest in developing

1 new table games for the clientele. Card games are one of the

2 most popular types of table games available at casinos.

3 Prospective players are always looking for new card games that

4 are challenging and exciting. On the other hand, casinos and

5 wagering establishments are interested in card games that will

6 attract more players, create player loyalty, and increase

7 revenues to the casinos and wagering establishments.

The game of "blackjack" or "twenty-one" is perhaps the most 8 9 popular card game played in casinos throughout the United States. 10 This game is typically played with a standard deck of playing cards containing fifty-two cards in four different suits. The 11 12 object of the game is for each player to collect a number of 13 cards in his or her hand whereby the total point value assigned 14 to the cards in a player's hand is as close as possible to twenty-one without going over. Numbered cards (i.e., 2-10) are 15 16 assigned a numerical value equal to their face value and face 17 cards (i.e., king, queen and jack) are assigned a numerical value 18 of ten points each. An ace card may be assigned either a point 19 value of one or eleven--whichever value gives a more favorable 20 hand to the player. If the point value in a player's hand exceeds 21 twenty-one points, the player "busts" and is eliminated from further play until a winner is declared and the next hand is 22 dealt. Blackjack is typically played at tables that include a 23 24 location for a dealer and up to seven additional players. Each

1 player places a wager and, along with the dealer, initially receives two cards. In traditional blackjack, each player is 2 playing against the dealer or "house". The dealer or house acts 3 4 as the bank, paying all losses and collecting all winnings from the other players at the table. In order to win his or her wager, 5 the cards in a player's hand must have a higher total point value 6 than the total point value in the dealer's hand without going 7 over twenty-one points. During a player's turn, a player may 8 9 elect to draw additional cards (i.e., take a "hit") or play only the cards currently held in his or her hand (i.e. "stand"). A 10 11 player may continue to receive additional cards in order to try 12 to reach a point total of twenty-one without exceeding twentyone. It is not necessary to reach twenty-one points to win a 13 14 game; it is only necessary to come closer to twenty-one points than the dealer. Since the dealer receives one of his two initial 15 cards facedown (i.e., a "hole" card), the players know only half 16 of the cards in the dealer's initial hand. This adds an element 17 of uncertainty to a player's decision to take a hit or stand. 18 19 The risk of losing a hand by exceeding twenty-one points (i.e., "busting") by taking an additional card increases as the 20 point total of the cards in the player's hand approaches twenty-21 one. A player increases the probability of beating the dealer's 22 card total by selectively and strategically hitting or standing 23 on a particular card situation. Under most house rules, the 24

1 dealer must take a hit on any point total of sixteen or less and

2 must stand on any point total of seventeen or more. Any player

3 whose hand has a point total that does not exceed twenty one and

4 is closer to twenty-one than the dealer, wins his or her wager.

5 Conversely, each player who "busts" or who does not achieve a

6 higher point total than the dealer loses the hand and the

7 corresponding wager for that hand. Even if the dealer also busts,

8 the player still loses when the player busts.

9 A "blackjack" occurs when a player or the dealer receives an 10 ace and a face card or ten. A blackjack by the dealer ends the game, causing all other players to lose their wagers. A blackjack 11 12 for a player is the best possible hand for the player and beats the dealer unless the dealer also has a blackjack. Ties between 13 the player and the dealer are a "push" and are typically won by 14 Players at a blackjack table will typically play 15 the house. 16 multiple successive hands and players may enter and leave the 17 game at any time between hands. After all of the players have 18 taken hits or have stood on their hand, the dealer stands or hits 19 based on pre-established rules of the game. The conventional manner of play requires the dealer to take a hit whenever the 20 dealer's hand is a "soft 17" count. However, in other casinos, 21 the dealer stands on a soft 17 count. The term "soft" means that 22 23 the ace is valued as a count of eleven, instead of as a count of 24 one. A soft 17 occurs when the dealer has an ace and a six (or

- 1 multiple cards that add up to six). The dealer will stand on soft
- 2 18s, soft 19s and soft 20s.
- A drawback with traditional forms of blackjack is that the
- 4 set point values of the cards may make the game somewhat
- 5 predictable so as to eventually bore players after a few hands.
- 6 Moreover, there is no incentive built-into the game for playing
- 7 additional hands beyond other than the usual reasons of winning
- 8 money or recouping money lost in previous wagers.
- 9 There is a need to provide a modified version of blackjack
- 10 that generates additional unpredictability, excitement, and
- 11 revenue for both players and casinos relative to traditional
- 12 forms of blackjack.

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SUMMARY OF THE INVENTION

- 15 It is an object of the present invention to provide a
- 16 modified version of blackjack that generates additional
- 17 unpredictability, excitement, and revenue for both players and
- 18 casinos relative to traditional forms of blackjack.
- 19 It is another object of the present invention to provide a
- 20 new card game that attracts more players.
- It is another object of the present invention to provide a
- 22 new card game that is easy to learn.
- It is another object of the present invention to provide a
- 24 new card game that is short in duration so as to provide casinos

- 1 or wagering establishments with increased revenues.
- Other objects and advantages of the present invention will
- 3 be apparent to one of ordinary skill in the art in light of the
- 4 ensuing description of the present invention.

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- As used herein, the term "modified blackjack" refers to the
- 6 card game of the present invention wherein the object of the game
- 7 is for each player to collect a number of cards in his or her
- 8 hand whereby the total point value assigned to the cards in a
- 9 player's hand is as close to possible to a predetermined number,
- 10 other than twenty-one, without going over that predetermined
- 11 number. In one embodiment, the predetermined number is 31. In
- 12 another embodiment, the predetermined number is 41. In a further
- 13 embodiment, the predetermined number is 51. The modified
- 14 blackjack card game of the present invention provides a player
- 15 with the option of declaring his initial hand either as a poker
- 16 hand or a modified blackjack hand. This feature is described in
- 17 detail in the ensuing description.
- 18 The present invention is directed to, in one aspect, a
- 19 method of playing a card game comprising the steps of providing
- 20 at least one set of playing cards wherein each card in the set of
- 21 playing cards has a specific numeric value. Next, a wager is
- 22 placed by at least one player and an initial hand of cards is
- 23 dealt to the player and the dealer. The player's cards are dealt
- 24 face up and at least one of the dealer's cards is dealt face

1 The player then has the opportunity to declare his hand as 2 either a poker hand or a modified blackjack hand. If the player declares his or her hand as a poker hand, the player will receive 3 4 additional cards to enable the player to finish his or her poker 5 The player will be awarded winnings based on the player's 6 wager and a predetermined payout schedule if the poker hand represented by the player's cards matches any one of a plurality 7 8 of predetermined poker hands. If the player fails to achieve a 9 hand that represents any one of the plurality of predetermined 10 poker hands, the player loses his or her wager and must withdraw 11 from play. If, on the other hand, the player does not declare 12 his or her initial hand as a poker hand, the player is required to play the hand as a modified blackjack hand. The suits of the 13 14 card would have no relevance when playing modified blackjack. Thus, after the player declares he or she will play the hand as a 15 modified blackjack hand, the next step is to determine if the 16 total numeric value of the player's initial hand constitutes 17 modified blackjack. 18 An initial hand constitutes modified 19 blackjack if the total numeric value of the initial hand equals a 20 first predetermined number. If the player's initial hand constitutes modified blackjack, the dealer then reveals all of 21 the dealer's face down cards so the total numeric value of the 22 dealer's initial hand can be determined. If the total numeric 23 value of the dealer's initial hand also equals the first 24

1 predetermined number, then the dealer's initial hand will also

2 constitute modified blackjack and a tie or push is declared. In

3 one embodiment, the dealer returns the player's wager to the

4 player in the event of a tie or push. In an alternate

5 embodiment, the player loses his or her wager in the event of a

6 tie or push.

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payout schedule.

If the player does achieve modified blackjack with his or her initial hand and dealer does not achieve modified blackjack with his or her initial hand, the player will win and will be awarded winnings based on the player's wager and a predetermined

If the total numeric value of the player's initial hand does 12 13 not yield modified blackjack, the player may request additional 14 The player will "bust" if the total numeric value of the player's hand exceeds the first predetermined number. The player 15 16 will then lose his or her wager and withdraw from play. dealer is required to stand on all hands which have a total 17 numeric value that is either equal to or greater than a second 18 19 predetermined number that is less than the first predetermined 20 Thus, the deader must continue to take cards ("hit") until his total numeric value is equal to or greater than the 21 second predetermined number. In one embodiment, the first 22 23 predetermined number is 31 and the second predetermined number is Thus, in such an embodiment, the dealer would stand on 25. 24

1 Winnings are paid to the player if (a) the player's hand with the additional cards has a total numeric value that is equal to the 2 3 first predetermined number and the total numeric value of the 4 dealer's hand does not equal the first predetermined number, or 5 (b) the player holds and the total numeric value of the player's 6 hand is closer to the first predetermined number than the total 7 numeric value of the dealer's hand. Winnings paid to a player 8 are based on the player's wager and a predetermined payout 9 schedule. A tie or push would occur if both the player and dealer have the same number of cards and the total numeric values 10 of the player's and dealer's hands are equal to each other and 11 12 either less than or equal to the first predetermined number.

13 In accordance with the present invention, a unique betting 14 option is presented wherein a player has the opportunity to play the dealer in a subsequent card game and wager either half or all 15 of his or winnings acquired in the preceding game. For example, 16 if a player should win the first card game either through 17 achieving a winning poker hand or winning hand in the modified 18 blackjack card game, the player is then given the opportunity to 19 20 play the dealer in a second card game (e.g. "high-low") for "double or nothing". This would give the player an opportunity 21 to double his or her previous winnings. In accordance with the 22 23 invention, the player is given the choice of wagering all of his 24 or her previous winnings ("Double Down") or only half of his or

1 her previous winnings. The option of betting only half of the winnings is referred to herein as the "Half-Down". 2 The "Half-3 Down" option applies to all winnings that may be accumulated 4 during play of the second card game. Thus, if a player wins \$1000 as a result of the modified blackjack card game, he or she 5 has the option of wagering the full \$1000 or only \$500 in a game 6 of high-low with the dealer. If the player bets only \$500 and 7 8 wins, the player will receive even money (i.e. \$500). another way, the player will receive the original wager of \$500 and the \$500 payoff. The player can now play another game of 10 high-low with the dealer using the "Double Down" or "Half-Down" 11 12 options. This foregoing example was based on a "double or nothing" payout scheme. 13

In a further embodiment, the player may be given the choice of "Double Down" or the "Half-Down Option" when playing the modified blackjack card game.

17 The card game of the present invention can be played: (i) in a casino or other wagering establishment in a manner similar to 18 conventional card games, i.e. "live table version" wherein a 19 20 group of players and a dealer are positioned at a gaming table, (ii) on electronic video gaming machines such as electronic video 21 poker gaming machines which may be located in a casino other 22 23 wagering establishment, or (iii) on linked, electronic video 24 gaming machines located in a casino or wagering establishment.

1 The card game of the present invention also can be implemented on

2 slot machines. Furthermore, the card game of the present

3 invention also can be implemented with lottery scratch-type

4 tickets that are sold by many state governments.

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BRIEF DESCRIPTION OF THE DRAWINGS

7 The foregoing features of the present invention will

8 become more readily apparent and may be understood by referring

9 to the following detailed description of an illustrative

10 embodiment of the present invention, taken in conjunction with

11 the accompanying drawing, in which:

FIG. 1 shows a plan view of one embodiment of a gaming

table that can be used to play the card game of the present

14 invention.

DESCRIPTION OF THE PREFERRED EMBODIMENTS

16 The card game of the present invention can be played with up to seven players plus the dealer. A single player also may play 17 the card game. The players sit at or stand adjacent to a portion 18 of the game table designated as a player station. 19 embodiment, all of the sets of cards are contained in a shoe, 20 21 known in the art, from which the dealer may draw one card at a In another embodiment, all of the sets of cards are 22 time. 23 contained in an automatic card shuffler. As used herein, the

terms "wager" and "bet" have the same meaning and are used

1 interchangeably. Furthermore, the card game of the present invention can be implemented on an electronic gaming machine such 2 3 as the type used to realize an electronic video gaming machine. 4 In such electronic gaming machines, images of playing cards are 5 electronically generated and then displayed on a display screen. 6 If the card game of the present invention is implemented on an 7 electronic gaming machine, the electronic gaming machine is preferably configured to generate a single deck of 52 cards. 8 9 Additionally, the card game of the present invention can be 10 realized with a lottery scratch ticket wherein images of playing 11 cards are covered by a substance that is removed by players with 12 a coin or other suitable object. U.S. Patent No. 6,572,107 shows a typical structure of such lottery scratch-type tickets. 13 the terms "cards", "playing cards" or "hand" are defined herein 14 15 to include physical playing cards, electronically generated 16 playing cards, and the images of playing cards formed on lottery scratch-type tickets. 17

Referring to FIG. 1, there is shown one embodiment of game table 10 that is used in playing the card game of the present invention. Game table 10 includes seven player stations or areas 12. Each player station 12 includes an area for placing the player's cards 14 and betting area 16. Each player's station 12 also includes payout schedule 18 that provides payout schedules corresponding to the card game of the present invention. Game

1 table 10 includes dealer playing station or area 20 and an area

2 wherein the dealer may place the dealer's cards 22. Although

3 game table 10 is shown to have a semi-circular shape, it is to be

4 understood that game table 10 can have other shapes known in the

5 art, e.g. square, circular, rectangular, etc.

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value of thirty two.

6 As used herein, the terms "numeric value" or "value" refer to the numeric value assigned to each playing card. 7 8 accordance with the present invention, number cards (e.g. 2, 3, 8, etc.) are assigned a numeric value that is the same as the 9 10 face value of the card. For example, the "eight" card shall have a numeric value of eight. Picture or face cards such as Jack, 11 12 Queen and King shall each have a numeric value of ten. shall have a numeric value of either one or eleven. 13 14 initial hand of cards, the ace may be assigned a numeric value of 15 eleven so as to enable a player to achieve modified blackjack. The phrase "total numeric value" shall refer to the total of the 16 numeric values of all of the cards in a hand. For example, a 17 18 hand of "Five, Eight, Nine, Queen" shall have a total numeric

In accordance with the present invention, Modified Blackjack occurs when (i) the predetermined winning number is 31 and the player is dealt an initial hand of three cards that has a total numeric value of 31, or (ii) the predetermined winning number is 41 and the player is dealt an initial hand of four

1 cards that have a total numeric value of 41, or (iii) the predetermined winning number is 51 and the player is dealt an 2 initial hand of five cards that has a total numeric value of 51. 3 4 These games will be referred to herein as "Modified Blackjack 31", "Modified Blackjack 41" and "Modified Blackjack 51", 5 respectively. A player can also win any of these aforementioned 6 modified blackjack games if the player has a hand of cards whose 7 total numeric value is under and closest to the game winning 8 numeric value (i.e. 31, 41 or 51) in comparison to the dealer's For example, if Modified Blackjack 31 is being played and 10 the dealer has a hand of cards whose total numeric value is 26 11 and the player has a hand of cards whose total numeric value is 12 13 29, the player will win. In another example, if the dealer has three cards whose total numeric value is 29 and the player has 14 four cards whose total numeric value is also 29, the dealer will 15 16 win because the dealer has fewer cards than the player. The maximum number of cards that can be dealt to each player is set 17 by the house. For purposes of example and describing the card 18 19 game of the present invention, the ensuing description is in 20 terms of the card game being Modified Blackjack 31 and minimum number of cards dealt to each player is three cards and the 21 maximum number of cards dealt to each player is five cards. 22

23 The first step in playing the card game of the present 24 invention is to provide at least one deck of playing cards. In

- one embodiment, the card game of the present invention is played
- 2 with more than one deck. The actual number of decks of playing
- 3 cards used depends upon the number of players and the maximum
- 4 number of cards that may be dealt to the players. The dealer
- 5 preferably deals the cards in a left to right motion starting
- 6 from the dealer's left.
- Next, the player is required to place a wager. The minimum
- 8 and maximum amount of the wager is determined by the house and
- 9 may be varied by the house. The player places his or her wager
- 10 on area 16 of the player's playing station 12 (see FIG. 1).
- Next, the dealer deals the cards to the player and the
- 12 dealer in an initial deal. In this step, each player and the
- 13 dealer will receive three cards. In a preferred embodiment, all
- 14 three cards dealt to each player are face up and one card dealt
- 15 to the dealer is face down.
- Next, each player is given the opportunity to decide whether
- 17 he or she will play the cards dealt to the player as either a
- 18 poker hand or a modified blackjack hand. If the player chooses
- 19 to play his or her cards as a poker hand, the player
- 20 automatically receives two additional cards to enable a player to
- 21 complete a poker hand. If the player succeeds in forming a poker
- 22 hand that matches any one of a plurality of predetermined poker
- 23 hands, the player will win an amount of winnings that is based on
- 24 the amount of the wager and a predetermined payout schedule.

Table I shows one example of a payout schedule:

2 TABLE I

POKER HAND	ODDS
Pair	1 to 1
Two Pair	2 to 1
Three of a Kind	3 to 1
Straight	5 to 1
Flush	10 to 1
Full House	15 to 1
Four of a Kind	20 to 1
Straight Flush	50 to 1
Royal Flush	100 to 1

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It is to be understood that the payout schedule shown in Table I is just one example and that other pay-out schedules are possible. The house or casino will have the option to set all odds and values of the winning poker hands.

If the player does not choose to play the cards as a poker hand, the player must play the cards as a modified blackjack hand (e.g. Modified Blackjack 31). If the player's initial hand of three cards has a total numeric value of 31, then the player has attained Modified Blackjack 31. If the dealer's initial hand does not yield Blackjack 31, the player will win. Initial three-card hands that can achieve Modified Blackjack 31 are shown in

1 Table II:

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Table II

MODIFIED BLACKJACK 31 HANDS
Ten, Ten, Ace
Ten, Jack, Ace
Ten, Queen, Ace
Ten, King, Ace
Jack, Jack, Ace
Jack, Queen, Ace
Jack, King, Ace
Queen, Queen, Ace
Queen, King, Ace
King, King, Ace

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4 In Table II, Ace has a value of eleven.

5 Next, if the player's initial hand does not achieve Modified 6 Blackjack 31, the player is given the opportunity to either hold 7 or request an additional card or cards. If the player's cards have a total numeric value that still is not equal to 31, but is 8 9 still under 31, the player has the opportunity to hold or request 10 an additional card. If the player's cards have a total numeric value that exceeds 31, the player "busts" and loses his or her 11 wagers and must withdraw from that round. If the player "busts", 12 he or she will lose even though the dealer also "busts". 13

- 1 player who lost in one round may play in a new round.
- Next, the dealer reveals all of his or her face-down cards.
- 3 The total numeric value of the dealer's cards is then determined.
- 4 In accordance with the invention, the dealer must stand on hands
- 5 that have a total numeric value that is equal to or greater than
- 6 a second predetermined numeric value that is less than 31. For
- 7 example, in one embodiment, the second predetermined number is
- 8 25. Therefore, the dealer must take additional cards until the
- 9 total numeric value of the dealer's cards equals or exceeds 25.
- 10 The second predetermined numeric value can be varied and is set
- 11 by the house. If at any time the total numeric value of the
- 12 dealer's cards exceeds 31, the dealer "busts" and loses.
- 13 A tie or push occurs if (A) the dealer and player both have
- 14 initial hands of three cards whose total numeric values are equal
- 15 to 31 (i.e. Modified Blackjack 31), or (B) the dealer and player
- 16 both have hands whose total numeric values are equal to 31 and
- 17 the player and dealer both have the same number of cards, or (C)
- 18 the dealer and player both have hands whose total numeric values
- 19 are equal and less than 31 and the dealer and player both have
- 20 the same amount of cards. In one embodiment of the invention,
- 21 the player loses his or her wager if a tie or push occurs. In
- 22 another embodiment, the player's wager is returned to the player
- 23 if a tie or push occurs.
- 24 Thus, a player has a winning hand and is declared the winner

1 if (A) the total numeric value of the player's initial hand equals 31 (i.e. Modified Blackjack 31) and the total numeric 2 value of the dealer's initial hand does not equal 31, or (B) the 3 4 total numeric value of the player's hand equals 31 and the total 5 numeric value of the dealer's hand also equals 31 but the player 6 has fewer cards than the dealer, or (C) the total numeric values of both the player's and dealer's hands are under 31 but the 7 8 total numeric value of the player's hand is closer to 31 than the total numeric value of the dealer's hand. 9

10 A player with a winning hand is paid winnings based on the 11 player's wager and the predetermined payout schedule. 12 can set different payout odds for different types of winning For example, the house can pay even money to winning hands. 13 hands other than winning Modified Blackjack 31 hands, and 3-to-2 14 15 pay-out odds for a winning Modified Blackjack 31 hand. These are 16 just examples and it must be understood that the house can vary 17 these payout odds.

In the gaming art, it is known that after a player has won a round of conventional or traditional Blackjack, the player is given the opportunity to play the dealer in a second card game, typically called "high-low". This second card game provides the player with an opportunity to add to and even double his or her winnings won during the conventional or traditional Blackjack game. The player is not required to play this second card game

1 and may opt not to play. In the game of high-low, the dealer 2 shows the player a card and then the player selects one card from 3 a group of face down cards. If the card selected by the player 4 is higher than the dealer's card, the player wins. If the card 5 selected by the player is lower than the dealer's card, the 6 player loses. Traditionally, in order to play the dealer in 7 high-low, the player must wager (or "Double Down") all of his previous winnings. Thus, if the player wins, he or she wins even 8 9 the player loses, he or she loses everything. Ιf 10 However, in accordance with the present invention, the player is 11 given the choice of either wagering all of his or her previous 12 winnings ("Double Down") or only half of the previous winnings 13 ("Half Down"). The player may play the dealer in successive 14 rounds of the second card game (i.e. high-low) and may bet all of 15 his or her winnings up to that point or only half of the 16 accumulated winnings. The player may continue to play the dealer 17 in the second card game until the player either quits or loses all of his or her winnings. It is to be understood that the 18 19 second card game can be another card game other than high-low.

In an alternate embodiment of the card game of the present invention, the dealer uses a Joker card so that a poker hand of five-of-a-kind is possible. In a further embodiment, more than one Joker card is used.

24 Although the foregoing description is in terms of the first

1 predetermined number being 31, 41, or 51, it is to be understood

2 that the first predetermined number can also be 61, 71, 81, 91,

3 etc. For example, if the first predetermined number is 61, the

4 minimum number of cards dealt in the initial deal is six cards.

5 Thus, the minimum number of cards dealt in the initial deal would

6 depend upon the first predetermined number.

7 It is to be understood that the card game of the present invention can be played: (i) in a casino or other wagering 8 establishment in a manner similar to conventional card games, 9 i.e. "live table version" wherein a group of players and a dealer 10 are positioned at a gaming table, (ii) on electronic video gaming 11 12 machines such as electronic video poker gaming machines which may be located in a casino other wagering establishment, or (iii) on 13 14 linked, electronic video gaming machines located in a casino or wagering establishment. Electronic video poker gaming machines 15 are generally described in U.S. Patent Nos. 6,517,074, 6,478,675, 16 and 5,823,873. The card game of the present invention also can 17 18 be implemented on slot machines. Furthermore, the card game of the present invention also can be implemented with lottery 19 20 scratch-type tickets that are sold by many state governments.

The principles, preferred embodiments and modes of operation of the present invention have been described in the foregoing specification. The invention which is intended to be protected herein should not, however, be construed as limited to the 1 particular forms disclosed, as these are to be regarded as

2 illustrative rather than restrictive. Variations in changes may

3 be made by those skilled in the art without departing from the

4 spirit of the invention. Accordingly, the foregoing detailed

5 description should be considered exemplary in nature and not

6 limited to the scope and spirit of the invention as set forth in

7 the attached claims.